

32. (Amended) A composition for the oxidation dyeing of keratin fibers, comprising:

(a) at least one oxidation dye chosen from heterocyclic oxidation bases, heterocyclic couplers, and acid addition salts of said oxidation dyes; and

(b) at least one laccase-type enzyme,

provided that said composition does not comprise a heterocyclic oxidation base chosen from 4,5-diamino-6-hydroxy-pyrimidine and 3,4-diaminohydroxy-pyrazole, and

provided that said composition does not comprise a heterocyclic coupler chosen from indole, indoline, monocyclic pyridine, and phenazine compounds.

63. (Amended) A method of dyeing keratinous fibers, comprising the step of applying at least one dyeing composition to said keratinous fibers for a sufficient time to achieve a desired coloration, wherein said at least one dyeing composition comprises:

(a) at least one oxidation base chosen from heterocyclic oxidation bases, heterocyclic couplers, and acid addition salts of said oxidation dyes, provided that said dyeing composition does not comprise a heterocyclic oxidation base chosen from 4,5-diamino-6-hydroxy-pyrimidine and 3,4-diaminohydroxypyrazole; and provided that said dyeing composition does not comprise a heterocyclic coupler chosen from indole, indoline, monocyclic pyridine, and phenazine compounds; and

(b) at least one enzyme of the laccase type.

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64. (Amended) A method for dyeing keratinous fibers comprising the steps of:

- (a) storing a first composition;
- (b) storing a second composition separately from said first composition;
- (c) mixing said first composition with said second composition to form a mixture; and
- (d) applying said mixture to said keratinous fibers for a sufficient time to achieve a desired coloration;

wherein said first composition comprises at least one oxidation base chosen from heterocyclic oxidation bases, heterocyclic couplers, and acid addition salts of said oxidation dyes, in a medium appropriate for dyeing keratinous fibers, provided that said first composition does not comprises a heterocyclic oxidation base chosen from 4,5-diamino-6-hydroxy-pyrimidine and 3,4-diaminohydroxypyrazole; and provided that said first composition does not comprise a heterocyclic coupler chosen from indole, indoline, monocyclic pyridine, and phenazine compounds; and

wherein said second composition comprises at least one enzyme of the laccase type, in a medium appropriate for dyeing keratinous fibers.

65. (Amended) A multicompartment device or a dyeing kit, comprising:  
a first compartment containing a first composition comprising at least one oxidation base chosen from heterocyclic oxidation bases, heterocyclic couplers, and acid addition salts of said oxidation dyes, provided that said composition does not comprise a heterocyclic oxidation base chosen from 4,5-diamino-6-hydroxy- pyrimidine